

APG Cash Drawer Connectivity Guide

| Host Device | | Cable Part Number | | | Interface Types | | | DirectPRO™ | Printer Manufacturer Web Site |
|------------------------------|---|--------------------------|------------|--------------|-----------------|--------------|---------------|------------|--------------------------------|
| | | | | | 24 Volt | MultiPRO® | 12/24 Volt | | |
| Manufacturer | Models | 1st Drawer | 2nd Drawer | Connector | MultiPRO® I | MultiPRO® II | MultiPRO® III | Option # | |
| Host Receipt Printer: | | | | | | | | | |
| BEMATECH | MP4200 and LR2000 Printers (previously Logic Controls) | CD-101A | N/A | RJ12 | 320 | | 520 | 237A | bematechus.com |
| BIXOLON | STP-103, SRP-100/200/250/270/275/300/350/350plus/370/500; SPS-1000 | CD-101A | CD-101B | RJ12 | 320 | | 520 | | bixolon.com |
| BOCA | Lemur Printers | CD-047 | | 3.5mm Stereo | 320 | | 520 | | bocasystems.com |
| BOCA | Lemur Printers 10 ft. cable length | CD-047-10 | | 3.5mm Stereo | 320 | | 520 | | |
| CBM / CITIZEN | CBM-230,-231,-1000 Printers | CD-101A | CD-101B | RJ12 | 320 | | 520 | 237A | |
| CITIZEN | CT-S300, CT-S751, CT-S2000, iDP-460, -3210,-3221,-3240,-3310,-34xx,-3535,-3550,-3551 Printers | CD-101A | CD-101B | RJ12 | 320 | | 520 | 237A | cbma.com |
| CITIZEN | iDP-3500,-3530,-3540,-3541 Printers | CD-002A | | 4 Pin Molex | 320 | | 520 | 240 | |
| COGNITIVE/TPG | A721, A752, A755, A756, A758, A760, A776, A793, A794, A795, A799, B780 Printers | CD-102A | CD-102B | RJ12 | 320 | | 520 | 322 | cognitivetpg.com |
| DATAMAX | E-3202 Printer | CD-101A | CD-101B | RJ12 | 320 | | 520 | 237A | datamaxcorp.com |
| DELL | T200 Printer | CD-101A | CD-101B | RJ12 | 320 | | 520 | 237A | dell.com |
| DH PRINT | DH 1400, DH 1500 Printers | CD-101A | CD-101B | RJ12 | 320 | | 520 | 237A | |
| EPSON | TM Series Printers | CD-101A | CD-101B | RJ12 | 320 | | 520 | 237A | pos.epson.com |
| EPSON | TM Series Printers, 10 ft. cable length | CD-101A-10 | | RJ12 | 320 | | 520 | 237A | |
| FUJITSU | FP510, FP510II, and FP1000 Series Printers | CD-102A | CD-102B | RJ12 | 320 | | 520 | 322 | fujitsu.com |
| HP | A776, A798, A799 Thermal Receipt Printers | CD-102A | CD-102B | RJ12 | 320 | | 520 | 322 | hp.com |
| ITHACA | Series 50 Printers (BNC) | CD-010 | | BNC | 320 | | 520 | 196A | |
| ITHACA | Series 80 Printers | CD-102A | CD-102B | RJ12 | 320 | | 520 | 322 | |
| ITHACA | Series 90, 150, 500, 600; POSJet 1000, iTherm, BankJet 1500, KitchenJet 1000 Printers | | | | | | | | |
| ITHACA | Refer to CAUTION label on bottom of the printer | | | | | | | | |
| ITHACA | "Ithaca Compatible Cash Drawers Only" | CD-009A | CD-009B | RJ12 | 320 | | 520 | 196-2A | transact-tech.com |
| ITHACA | "Epson Compatible Cash Drawers Only" | CD-102A | CD-102B | RJ12 | 320 | | 520 | 322 | |
| ITHACA | "Star Compatible Cash Drawers Only" | CD-101A | CD-101B | RJ12 | 320 | | 520 | 186-6A | |
| OKIDATA | 425 Series Printers | CD-101A | CD-101B | RJ12 | 320 | | 520 | 237A | okidata.com |
| OLIVETTI | PR4DT Printer | CD-101A | CD-101B | RJ12 | 320 | | 520 | 237A | |
| OMNIPRINT | OM100, OM200 Printers | CD-101A | | RJ12 | 320 | | 520 | 237A | omniprintinc.com |
| PERTECH | A470, A470e, 4710, 4711, 4712, 4770, 4771 Printers | CD-003A | CD-003B | RJ12 | 320 | | 520 | 197 | pertechresources.com |
| PERTECH | A714, A715, A716, 5351, 5354, 5371, 5371 Series Printers | CD-101A | CD-101B | RJ12 | 320 | | 520 | 237A | |
| PIONEER POS | Step 5e Printer | CD-102A | CD-102B | RJ12 | 320 | | 520 | | pioneersolution.com |
| POSIFLEX | Aura PP-7000 Printers | CD-101A | CD-101B | RJ12 | 320 | | 520 | 237A | posiflexusa.com |
| SEIKO | Qaliber RP-E and Qaliber Lite RP-D Series Printers | CD-101A | CD-101A | RJ12 | 320 | | 520 | 237A | sii-thermalprinters.com |
| STAR | DP8340 Printer, Parallel - with RJ Jack | CD-017A | | RJ12 | | 420 | 520 | 186-3A | |
| STAR | DP8340 Printer, Serial - with Molex Connector | CD-017A + M-16E-0186-SER | | 3 Pin Molex | | 420 | 520 | 186A | starmicronics.com |
| STAR | HSP, SCP, SP, and TSP Series Printers | CD-101A | CD-101B | RJ12 | 320 | | 520 | 186-6A | |
| TOSHIBA (nee IBM) | SureMark Single and Dual Station Printers (1NR, 1NA, 2CR, 2NR, DG9, DI9, TG9, TI9) | CD-102A | CD-102B | RJ12 | 320 | | 520 | 461 | toshibacommerce.com |
| TOSHIBA | TRST Series Printers (TRST-A10/A12/A15) | CD-101A | CD-101B | RJ12 | 320 | | 520 | 237A | http://www.toshibatec-ris.com/ |
| WINCOR | TH Series Printers | CD-102A | CD-102B | RJ12 | 320 | | 520 | 322 | |

Special Application Cables

| | | | | | | | | |
|-----------------|---|-----------|--|------|-----|-----|-----|--|
| APG Cash Drawer | Dual Drawer Splitter, General | CD-D1D2 | | RJ12 | 320 | 420 | 520 | |
| APG Cash Drawer | Dual Drawer Splitter - for Epson DK port. Use with CD-101A and CD-101B (switches in series). See Pg 2 | CD-D1D2EP | | RJ12 | 320 | | 520 | |

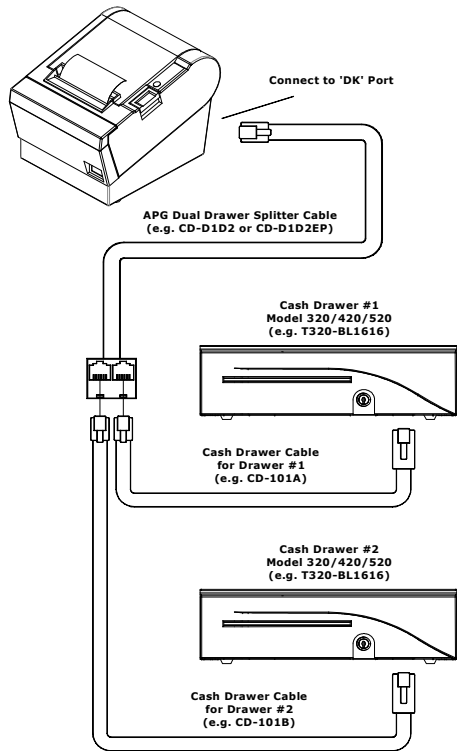
NOTES:

For current version of this guide see the APG Cash Drawer web site at www.cashdrawer.com or contact customer service at (763) 571-5000. The 520 MultiPRO® Interface is not available in the Vasario product line.

All cables are 5ft. [1.5m] long, unless otherwise specified. Contact APG for longer cables. Many options listed above are available in 10ft [3.0m] cable length options.

The DirectPRO™ interface includes a hardwired cable connected to the Cash Drawer with the proper termination for the specified host device.

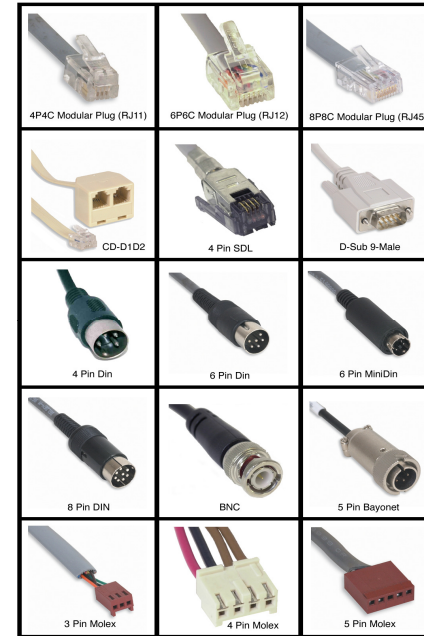
Consult APG Doc No. M-43-015 Cable Pinout Guide for pinout information on these various cables



MultiPRO® 520 Interface Cash Drawer
12/24V Dual Solenoid

MultiPRO® 420 Interface Cash Drawer
12V Solenoid

MultiPRO® 320 Interface Cash Drawer
24V Solenoid



| Host Devices | | Cable Part Number | | | Interface Types | | | DirectPRO™ |
|------------------------------|---|-------------------|------------|-------------------|------------------|--------------|---------------|------------|
| | | | | | 24 Volt | 12 Volt | 12/24 Volt | |
| Manufacturer | Models | 1st Drawer | 2nd Drawer | Connector | MultiPRO® I | MultiPRO® II | MultiPRO® III | |
| ECR's and POS Systems | | | | | | | | |
| CLOVER | Clover Mini, Station, Station Pro | CD-101A | | RJ12 | 320 | | | |
| COMTREX | ITP Terminals | CD-028A | CD-028B | RJ12 | | 420 | 520 | |
| CRS | CRS-3000 Terminal | CD-016 | | 4 Pin Molex | | 420 | 520 | |
| ELO TOUCH | ELO Touch Systems Terminal | CD-039A | CD-039B | 6P6C Mod Plug | | 420 | 520 | |
| FUJITSU | TeamPoS 7000 | CD-102A | | RJ12 | 320 | | 520 | 322 |
| GEAC | GEAC/FASFAX Terminals | CD-006A | | D-Sub 9-Male | | 420 | 520 | |
| INNOVAX | Terminals | CD-008A | | D-Sub 9-Male | | 420 | 520 | 236 |
| J2 | Terminals | CD-101A | | RJ12 | 320 | | 520 | 237A |
| NCR | 7454 / 7456 / RealPOS Terminals | CD-102A | CD-102B | RJ12 | 320 | | 520 | 96 |
| NEC | TWINPOS 5500Ui | CD-102A | | RJ12 | 320 | | 520 | 322 |
| PANASONIC | 7000 and 7500 Series Terminals | CD-042 | | 6 Pin DIN | N/A | 420 | | |
| PANASONIC | 7000 and 7500 Series Terminals | CD-043 | | 6 Pin DIN | Vasario 320 Only | | | |
| POSIFLEX | Jiva Touch Terminals: 5700,5800, 6000, 7000 | CD-046 | | RJ12 | | 420 | 520 | 390 |
| POSITRAN | Terminals | CD-012 | | 5 Pin Molex | 320 | | 520 | 13 |
| PIONEER POS | Magnus AIO-XV, S-LINE, LX Terminals | CD-102A | N/A | RJ12 | 320 | | 520 | 322 |
| TOSHIBA (IBM) | 468X & 469X, same cable for Port A or Port B | CD-007 | CD-007 | 4 Pin SDL | | | 520 | 468 |
| TOSHIBA (IBM) | SurePos 300, 500, 700, 775 Series POS Systems, same cable for Port A or Port B | CD-037 | CD-037 | 4 Pin SDL | 320 | | 520 | 568 |
| TOSHIBA TEC | FS-3600 Modular POS Terminal (Epson Interface) | CD-101A | CD-101B | RJ12 | 320 | | 520 | 237A |
| TOSHIBA TEC | ST-5600 Modular POS Terminal; ST-60, ST-70, ST-71 Touch Screen Terminal (Tec Interface) | N/A | N/A | ** Contact APG ** | | | | 577 |
| UNIWELL | UX Series Terminals | CD-102A | | RJ12 | 320 | | 520 | 322 |



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Discontinued Cable List

Note: This list includes the cables that have been discontinued. Please contact APG if you have any questions.

| Discontinued Cable Part Number | Replacement Cable Part Number | Pinter/POS Terminal Connector Type | Interface Type |
|--------------------------------|------------------------------------|------------------------------------|----------------|
| CD-001A | CD-102A | RJ12 | 320 |
| CD-001A10 | CD-102A-10 | RJ12 | 320 |
| CD-001A13 | CD-102A-13 | RJ12 | 320 |
| CD-001A-D | No Replacement Cable- Discontinued | | |
| CD-001B | CD-102B | RJ12 | 320 |
| CD-001B-D | No Replacement Cable- Discontinued | | |
| CD-005A | CD-101A | RJ12 | 320 |
| CD-005A10 | CD-101A-10 | RJ12 | 320 |
| CD-005B | CD-102B | RJ12 | 320 |
| CD-011 | No Replacement Cable- Discontinued | | |
| CD-013A | No Replacement Cable- Discontinued | | |
| CD-014A | CD-101A | RJ12 | 320 |
| CD-014A10 | CD-102A-10 | RJ12 | 320 |
| CD-014B | CD-102B | RJ12 | 320 |
| CD-15A | No Replacement Cable- Discontinued | | |
| CD-018 | No Replacement Cable- Discontinued | | |
| CD-21A | No Replacement Cable- Discontinued | | |
| CD-023A | No Replacement Cable- Discontinued | | |
| CD-026 | No Replacement Cable- Discontinued | | |
| CD-029 | No Replacement Cable- Discontinued | | |
| CD-033 | No Replacement Cable- Discontinued | | |
| CD-034 | No Replacement Cable- Discontinued | | |
| CD-034-01 | No Replacement Cable- Discontinued | | |
| CD-034-02 | No Replacement Cable- Discontinued | | |
| CD-048 | No Replacement Cable- Discontinued | | |
| CD-FLEP24 | No Replacement Cable- Discontinued | | |
| CD-FLST24 | No Replacement Cable- Discontinued | | |
| | | | |
| | | | |